

06-04-01

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06/01/01  
13960 U.S. PTO

PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Application Number

First Inventor

Title

Attorney Docket Number

Daryn Kenny

"Highly Sensitive Gene  
Detection and Localization  
Using *In Situ* Branched-DNA  
Hybridization"

1300-2329

13971 U.S. PTO  
09/07/2493

06/01/01

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 34 + Cover]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 7]
5. ☒ Oath or Declaration [Total Pages 4]
  - a. ☐ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76
7. ☐ CD-ROM or CD-R in duplicate, large table or  
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies


**ACCOMPANYING APPLICATION PARTS**

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other: \_\_\_\_\_

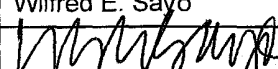
17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation      ☐ Divisional      ☐ Continuation-in-part (CIP)      of prior application No.: \_\_\_\_\_  
Prior application information:      Examiner: \_\_\_\_\_      Group / Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

18. CORRESPONDENCE ADDRESS					
<input checked="" type="checkbox"/> Customer Number of Bar Code Label		23980 <i>(Insert Customer No. or Attach bar code label here)</i>		or <input type="checkbox"/> Correspondence address below	
Name	Mark A. Wilson				
Address	REED & ASSOCIATES				
	3282 Alpine Road				
City	Portola Valley	State	CA	Zip Code	94028
Country	USA	Telephone	(650) 851-8501	Fax	(650) 851-8539
Name (Print/Type)	Mark A. Wilson		Registration No. (Attorney/Agent)		43,275
Signature				Date	June 1, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commission for Patents, Box Patent Application, Washington, DC 20231.

CERTIFICATE OF MAILING OR TRANSMISSION			
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to "Director of Patents and Trademarks, Box Patent Application, Washington, DC 20231."			
"Express Mail" Mailing Label No.	E1530901523 US	Date of Deposit	June 1, 2001
Name of Person Mailing Paper or Fee(Print/Type)	Wilfred E. Sayo		
Signature		Date	6.1.01

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 CFR § 1.10 on the date indicated below and is addressed to the Director of Patent and Trademarks, Washington, DC 20231.

(Modified) PTO/SB/05 (12/97)

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Date of Deposit: June 1, 2001

Type/Printed Name of Person Mailing Paper or Fee: Wilfred E. Sayo

Signature of Person Mailing Paper or Fee: Wilfred E. Sayo

## FEE TRANSMITTAL

Note: Effective October 1, 1997.  
Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT \$980

### Complete if Known

Application Number	
Filing Date	Filed Herewith
First Named Inventor	Daryn Kenny
Group Art Unit	Not Assigned Yet
Examiner Name	Not Assigned Yet
Attorney Docket Number	1300-2329

### METHOD OF PAYMENT (check one)

1. ☐ The commissioner is hereby authorized to charge any additional fees and credit any overpayments to:  
Deposit Account No.:  
Deposit Account Name: REED & ASSOCIATES
- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☐ Charge the Issue Fee set in 37 CFR 1.18 at the mailing of the Notice of Allowance

2. ☐ Payment Enclosed:  
☐ Check ☐ Money Order ☐ Other

### FEE CALCULATION

#### 1. FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Due
101	710	201	355	Utility filing fee	\$710
102	320	206	160	Design filing fee	
104	490	207	245	Plant filing fee	
109	710	208	355	Reissue filing fee	
110	150	214	75	Provisional filing fee	
SUBTOTAL (1)					\$710

#### 2. CLAIMS

Fee from				Fee Due
Total Claims	Extra	below		
35 - 20 =	15	X	18	\$270
Independent Claims				
3 - 3 =	0	X	80	
Multiple Dependent Claims		X		

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Due
103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent Claims in excess of 3	
104	270	204	135	Multiple Dependent Claim	
109	80	209	40	Reissue independent claims over original patent	
110	18	210	9	Reissue claims in excess of and over original patent	
SUBTOTAL (2)					\$270

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Larg e Fee Code	Entit y Fee (\$)	Small Fee Code	Entit y Fee (\$)	Fee Description	Fee Due
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	455	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submissions of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

\$

### SUBMITTED BY

Typed or Printed Name Mark A. Wilson

Signature

Mark A. Wilson

Date

June 1, 2001

### Complete (if applicable)

Reg. Number

43,275

Deposit Account